JOB NO. 54701843	ANA	LYSIS JOB COST REPO	DRT	DIV. 2	- SAN FRA	NCISCO
DEPARTMENT WATER	DESCR	IPTION TRANSMISSIC	ON MAIN GENERAL	P	SSIGNED TO	<u></u>
FUNCTION INVALID	BILLI	NG	NONE	P	NALYST _	
RELATED JOB NO. NONE	D & C	NUMBER NONE			ATE CLOSED	
ADC INDICATOR OFF	RULE I	NO. NONE		s	TART DATE	11/07/88
MLX NUMBER NONE	LIC. I	PROJECT NO. NONE		0	PER. DATE	11/25/88
BASIC BUS FUNC 03	PIN (GD 02 21	PHASE P	C	OMP. DATE	11/25/88
COORDINATOR RC 02 693	PROGRA	AM - 3				
YEAR 88	-AUTH(ORIZED DIRECT BY YE	AR-			
AUTHORIZED	ACTUAL AUTHOI 12,243.99	YEAR RIZED	ACTUAL	AUTHORIZED	YEAR	ACTUAL
			HORIZED	ACTUAL		
	THORIZED A	CTUAL AUT JOB COMPARISONS		2,523.5		
	ESTIMATED A		DIFFERENCE	2,523.5		
CAPITAL		JOB COMPARISONS		2,523.5 PCT	O . VARIANCE	VERRUN
CAPITAL REMOVAL	• ESTIMATED	JOB COMPARISONS ACTUAL	DIFFERENCE 2,911.	2,523.5 PCT .23-0	O . VARIANCE	
CAPITAL REMOVAL MEMO M & O	ESTIMATED .00	JOB COMPARISONS ACTUAL 2,911.23	DIFFERENCE 2,911.	2,523.5 PCT .23-0	. VARIANCE	
CAPITAL REMOVAL MEMO M & O AUTHORIZED DIRECT	ESTIMATED .00	JOB COMPARISONS ACTUAL 2,911.23 .00	DIFFERENCE 2,911.	2,523.5 PCT .23-0	. VARIANCE	VERRUN
CAPITAL REMOVAL MEMO M & O AUTHORIZED DIRECT INDIRECTS & OVERHEADS	ESTIMATED .00 .00 .00 .15,365.00	JOB COMPARISONS ACTUAL 2,911.23 .00 11,856.26	DIFFERENCE 2,911.	2,523.5 PCT .23-0 .00 0	. VARIANCE .0 0 .0 .0	VERRUN NDERRUN
CAPITAL REMOVAL MEMO M & O AUTHORIZED DIRECT INDIRECTS & OVERHEADS GROSS FIN.	ESTIMATED .00 .00 .00 15,365.00 15,365.00 *	JOB COMPARISONS ACTUAL 2,911.23 .00 11,856.26 14,767.49 * 6,112.64 20,880.13 *	DIFFERENCE 2,911 3,508.	2,523.5 PCT .23-0 .00 0 .74 0 22	. VARIANCE .0 0 .0 .0	VERRUN NDERRUN UNDERRUN
CAPITAL REMOVAL MEMO M & 0 AUTHORIZED DIRECT INDIRECTS & OVERHEADS GROSS FIN. O.C.I.	ESTIMATED .00 .00 .00 .15,365.00 .15,365.00 × .6,830.00 .22,195.00 ××	JOB COMPARISONS ACTUAL 2,911.23 .00 11,856.26 14,767.49 × 6,112.64 20,880.13 × .00	DIFFERENCE 2,911 3,508. 597.	2,523.5 PCT .23-0 .00 0 .74 0 22 .51 *	0 . VARIANCE . 0 . 0 . 0 0 8 . U . 3.8 *	VERRUN NDERRUN UNDERRUN
CAPITAL REMOVAL MEMO M & O AUTHORIZED DIRECT INDIRECTS & OVERHEADS GROSS FIN. O.C.I. SALVAGE	ESTIMATED .00 .00 .00 .15,365.00 .15,365.00 * .6,830.00	JOB COMPARISONS ACTUAL 2,911.23 .00 11,856.26 14,767.49 * 6,112.64 20,880.13 *	DIFFERENCE 2,911 3,508. 597.	2,523.5 PCT .23-0 .00 0 .74 0 22	0 . VARIANCE . 0 . 0 . 0 0 8 . U . 3.8 *	VERRUN NDERRUN UNDERRUN
CAPITAL REMOVAL MEMO M & O AUTHORIZED DIRECT INDIRECTS & OVERHEADS GROSS FIN. O.C.I. SALVAGE CREDITS NOT INCLUDED	ESTIMATED .00 .00 .00 .15,365.00 .15,365.00 × .6,830.00 .22,195.00 ××	JOB COMPARISONS ACTUAL 2,911.23 .00 11,856.26 14,767.49 * 6,112.64 20,880.13 * .00 .00	DIFFERENCE 2,911 3,508. 597.	2,523.5 PCT .23-0 .00 0 .74 0 22 .51 *	0 . VARIANCE . 0 . 0 . 0 0 8 . U . 3.8 *	VERRUN NDERRUN UNDERRUN
CAPITAL REMOVAL MEMO M & O AUTHORIZED DIRECT INDIRECTS & OVERHEADS GROSS FIN. O.C.I. SALVAGE	ESTIMATED .00 .00 .00 .15,365.00 .15,365.00 × .6,830.00 .22,195.00 ××	JOB COMPARISONS ACTUAL 2,911.23 .00 11,856.26 14,767.49 × 6,112.64 20,880.13 × .00	DIFFERENCE 2,911 3,508. 597.	2,523.5 PCT .23-0 .00 0 .74 0 22 .51 *	0 . VARIANCE . 0 . 0 . 0 0 8 . U . 3.8 *	VERRUN NDERRUN UNDERRUN

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MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

CAPITAL ADC INDICATOR OFF

ACCOUNT 1124 - MAINS LOCATION 101-MAIN 0101

SUB-ACCT 24-24 IN MAIN INST COMPLETE

COST DESCRIPTION YEAR ELEMENT		JANTITY QUANTITY HARGED INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH	
066 MAJOR CONTRACT-OTHER 226 ADMV & GENERAL EXPENSE 227 GENERAL ENGRNG EXPENSE 698 MISCL &UNCLASS MATERIAL	210.00 24.75 3.64 154.00	0	-88- D -88- D -88- D -88- D		
SUB-TOTAL-DIRECT SUB-TOTAL-DIRECT-INDIR-OVHDS	364.00 * 392.39 *				
196 PLANT ADDITIONS-COMP GEN 000970000	392.39-				
BALANCE AUTHORIZED DIRECT	.00 * .00 *	ESTIMATED	MANHOURS	0 ¥	

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MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

CAPITAL ADC INDICATOR OFF

ACCOUNT 1124 - MAINS LOCATION 132-MAIN 0132

SUB-ACCT

30-30 IN MAIN INST COMPLETE

COST DESCRIPTION YEAR ELEMENT	AMOUNT QUANTITY CHARGED	QUANTITY QUANTITY INSTALLED DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
006 PHYSICAL ST TIME 052 CONST EQUIP USE-GEN CONS 091 G.C. PER DIEM ALLOWANCE 220 TOOL EXPENSE-GEN CONST 222 GEN. CONST. SUPERVISION 223 G.C. FIELD SUPERVISION 226 ADMV & GENERAL EXPENSE 227 GENERAL ENGRNG EXPENSE 229 NON-PRODUCTIVE TIME-GC 231 P/R ADDT-PEN/SFP-GC 452 P/R ADDT-TAXES GC 495 MEAL EXPENSES 617 GENERAL HARDWARE	385.08 20 260.00 20 20.16 20 7.16 0 35.81 0 72.64 0 10.38 0 92.42 0 135.37 0 53.81 0 16.92 3	-88- N	
SUB-TOTAL-DIRECT	432.04 ×		
SUB-TOTAL-DIRECT-INDIR-OVHDS	1,130.67 *		
196 PLANT ADDITIONS-COMP GEN 000970000	1,130.67-		
BALANCE AUTHORIZED DIRECT	.00 ¥ .00 ¥	ESTIMATED MANHOURS	0 *

JOB NO. 54701843

ANALYSIS JOB COST REPORT

2 - SAN FRANCISCO DIV.

CAPITAL ADC INDICATOR OFF

ACCOUNT 1224 - MAINS

COST ELEME				QUANTITY INSTALLED	QUANTITY DIFFERENCE			DETAIL AC YEAR & M		
0 0 2 2 2 2 2 2 2 2 2 4 4	06 PHYSICAL ST TIME 07 PHYSICAL OVERTIME 50 CONST EQUIP USE-REGIONS 16 TOOL EXPENSE-REGIONAL 18 SUP & ENG-TRSF TO CONST 19 REGIONAL A & G EXPENSES 26 ADMV & GENERAL EXPENSE 27 GENERAL ENGRNG EXPENSE 28 NON-PRODUCTIVE TIME-REGN 30 P/R ADDT-PEN/SFP-REGN-GO 51 P/R ADDT-TAXES REGN-GO 69 MEAL ALLOWANCE 90 MEALS&LODGING-OTHERS	1,273.45 654.13 453.00 110.39 927.25 242.85 342.20 48.89 280.16 625.90 248.81 56.00 16.55	72 23 54 0 0 0 0 0 0 0 0 0 0 5 3		-8 -8 -8 -8 -8 -8 -8 -8 -8	8- N 8- N 8- N 8- N 8- N 8- N				
s	UB-TOTAL-DIRECT	2,000.13	*							
s	UB-TOTAL-DIRECT-INDIR-OVHDS	5,279.58	ж							
1	96 PLANT ADDITIONS-COMP GEN 000970000	5,279.58-		•						
P	ALANCE	.00								
	AUTHORIZED DIRECT	.00	*	ESTIMATED	MANHOURS		<u></u>	0 ¥	- Carlotte (Carlotte)	

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MAY 1989

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

CAPITAL ADC INDICATOR OFF

ACCOUNT 1224 - MAINS

SUB-ACCT

30-30 IN MAIN INST COMPLETE

COST DESCRIPTION Y	EAR AMOUNT QUANT CHARG		DETAIL ACTIVITY YEAR & MONTH
462 MISCL MEETING EXPENSES	115.06	0	-88- D
SUB-TOTAL-DIRECT	115.06 *		
SUB-TOTAL-DIRECT-INDIR-OVHDS	115.06 *		
196 PLANT ADDITIONS-COMP GEN 000970000	115.06-		
BALANCE	.00 ×		
AUTHORIZED DIRECT	.00 ×	ESTIMATED MANHOURS	0 *

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MAY 1989

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ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

CAPITAL ADC INDICATOR OFF

ACCOUNT 1224 - MAINS

COST DESCRI ELEMENT	PTION YEAR AMOU	NT QUANTIT CHARGEI		QUANTITY DIFFERENCE		DETAIL ACTIV	
617 GENERAL HARD	WARE	.00	0		88- D-89- 1		
SUB-TOTAL-DIRECT		.00 ×					
BALANCE		.00 €					
AUTHORIZED	DIRECT	.00 €	ESTIMATE	MANHOURS		0 *	

P.G. & E.		CONSTRUCTION AC	CCOUNTING DEP	ARTMENT	
JOB NO. 54701843		ANALYSIS .	JOB COST REPO	RT	DIV. 22 - GENERAL OFFICE
CAPITAL ADC INDICATOR OFF	ACCOUNT 12	24 - MAINS	and the second s	SUB-ACCT	30-30 IN MAIN INST COMPLETE
COST DESCRIPTION	ON YEAR	AMOUNT QUANTI CHARGI		QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
462 MISCL MEETING EX	XPENSES	.00	0		D
SUB-TOTAL-DIRECT		.00 ×			

ESTIMATED MANHOURS

.00 ×

.00 €

0 ×

MAY 1989

BALANCE

AUTHORIZED DIRECT

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MAY 1989

JOB NO.

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS

SUB-ACCT 11-REPAIR LEAKS

COST DESCRIPTION YEAR ELEMENT	R AMOUNT QUANTITY CHARGED			ETAIL ACTIVITY YEAR & MONTH
233 STORES EXPENSE-ASSESSED 398 GAS MINOR MTL - ALLOC	28.49 (5.61 (88- N D 88- N D	
SUB-TOTAL-DIRECT	.00 ¥			
BALANCE AUTHORIZED DIRECT	34.10 * 8,490.00 *	ESTIMATED MANHO	URS 176	; *

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MAY 1989

JOB NO.

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS

ACTIVITY 3664 REPAIR LINES-GAS

SUB-ACCT 11-REPAIR LEAKS SUBACTIV 2040 REPAIR TRANS LINES

COST DESCRIPTION YE	AR AMOUNT QUANTIT CHARGED		DETAIL ACTIVITY YEAR & MONTH	
870250 FTG FLANGED SP 875699 MISC MATERIAL 393 X-RAY INSPECTION	134.19 150.68 1,559.50	1		2711 Print Collection and authorized and authorized and authorized
617 GENERAL HARDWARE 646 AUTOMOTIVE EQUIP & PARTS	8.04 97.77	0		
SUB-TOTAL-DIRECT	1,950.18 ×			
BALANCE	1,950.18 *			
AUTHORIZED DIRECT	.00 ×	ESTIMATED MANHOURS	0 €	

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MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS LOCATION 132-MAIN 0132

COST DESCRIPTION YEAR ELEMENT	AMOUNT QUANTITY CHARGED	QUANTITY QUANTITY INSTALLED DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
220 TOOL EXPENSE-GEN CONST 222 GEN. CONST. SUPERVISION 223 G.C. FIELD SUPERVISION 229 NON-PRODUCTIVE TIME-GC	.86 (4.32 (3.74 (9.60 (-88- N -88- N -88- N -88- N	
SUB-TOTAL-DIRECT BALANCE	.00 * 18.52 *		
AUTHORIZED DIRECT	.00 €	ESTIMATED MANHOURS	0 ¥

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MAY 1989

JOB NO.

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ANALYSIS JOB COST REPORT

2 - SAN FRANCISCO DIV.

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS LOCATION 132-MAIN 0132 ACTIVITY 3664 REPAIR LINES-GAS

COST DESCRIPTION YEAR ELEMENT	AMOUNT QUAN Char		DETAIL ACT YEAR & MO	
006 PHYSICAL ST TIME 007 PHYSICAL OVERTIME 052 CONST EQUIP USE-GEN CONS 091 G.C. PER DIEM ALLOWANCE	40.00 8.00 2.00 7.00	0	- N - N	
SUB-TOTAL-DIRECT	55.00 ×			
BALANCE	57.00 €		er er en en fran de ensen en er en	
AUTHORIZED DIRECT	.00 €	ESTIMATED MANHOURS	0 ×	

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MAY 1989

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS LOCATION 132-MAIN 0132

SUB-ACCT 11-REPAIR LEAKS

COST ELEMENT	DESCRIPTION	YEAR AMOUNT	QUANTITY CHARGED	QUANTITY QUANTITY INSTALLED DIFFERENCE		DETAIL ACTIV YEAR & MONT	
219 220 222 223 228 229 233	TOOL EXPENSE-REGIONAL REGIONAL A & G EXPENSES TOOL EXPENSE-GEN CONST GEN. CONST. SUPERVISION G.C. FIELD SUPERVISION NON-PRODUCTIVE TIME-REGIONON-PRODUCTIVE TIME-GC STORES EXPENSE-ASSESSED GAS MINOR MTL - ALLOC	8.56 42.78 37.07 N 82.49 110.38	0 0 0 0 0 0 0 0		88-		
SUB- Bal <i>i</i>	-TOTAL-DIRECT ANCE AUTHORIZED DIRECT	.00 933.56 .00	×	ESTIMATED MANHOURS		0 *	

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS LOCATION 132-MAIN 0132 ACTIVITY 3664 REPAIR LINES-GAS

SUB-ACCT 11-REPAIR LEAKS SUBACTIV 2040 REPAIR TRANS LINES

010501 PIPE STEEL 30" OD FT 490059 NITROGEN PURE ES 32-71CF	4,224.62 177.84	40 2,964		88- N -88- D	YEAR & MONTH
875699 MISC MATERIAL 006 PHYSICAL ST TIME 019 MGMT/PROF ST TIME	281.13 569.40 302.96	0 32 16		88- D 88- O 88- N	N de partir de la reconstrucción de la construcción
046 MILEAGE-GENERAL CONST 050 CONST EQUIP USE-REGIONS 067 FREIGHT	43.80 120.00	73 16		88- N 88- O	
077 LANDSCAPING 091 G.C. PER DIEM ALLOWANCE	199.40 964.00 24.92	0 0 8		88- N 89- 1 88- N	
SUB-TOTAL-DIRECT	6,744.27	*			
BALANCE AUTHORIZED DIRECT	6,908.07		ESTIMATED MANHOURS		0 ★

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

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ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS

ACTIVITY 3654 MAINT OF LINES OTHER-GAS

SUB-ACCT 6-REPAIR PIPE COATING SUBACTIV 2040 MAINTAIN TRANS MAINS

COST DESCRI ELEMENT	PTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED I	QUANTITY DIFFERENCE		DETAIL ACTIVITY YEAR & MONTH
011485 PIPE STEEL	30" OD	FT	723.61	12			-88- N	
SUB-TOTAL-DIRECT			723.61	¥				
BALANCE AUTHORIZED	DIRECT		723.61 .00		ESTIMATED	MANHOURS		0 ×

11000		1100			
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MAY 1989

JOB NO.

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1602 - MAINS LEAK CLAMPS LOCATION 132-MAIN 0132

COST DESCRIPTION YEAR ELEMENT	AMOUNT QUANT CHARG		DETAIL ACTIVITY YEAR & MONTH
220 TOOL EXPENSE-GEN CONST 222 GEN. CONST. SUPERVISION 223 G.C. FIELD SUPERVISION 229 NON-PRODUCTIVE TIME-GC	2.62 13.08 11.33 29.28	0	
SUB-TOTAL-DIRECT BALANCE	.00 ¥ 56.31 ¥		
AUTHORIZED DIRECT	.00 €	ESTIMATED MANHOURS	0 *

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1602 - MAINS LEAK CLAMPS LOCATION 132-MAIN 0132 ACTIVITY 3664 REPAIR LINES-GAS

COST DESCRIPTION N	TEAR AMOUNT QUANT CHARG		DETAIL ACTIVITY YEAR & MONTH
006 PHYSICAL ST TIME 007 PHYSICAL OVERTIME 052 CONST EQUIP USE-GEN CONS 091 G.C. PER DIEM ALLOWANCE	122.00 23.00 6.00 21.00	5 -88- 0 -88- 2 -88- 4 -88-	N N
SUB-TOTAL-DIRECT	166.00 ¥		
BALANCE AUTHORIZED DIRECT	172.00 * .00 *	ESTIMATED MANHOURS	0 ×

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1603 - MAINS OTHER LOCATION 132-MAIN 0132

COST DESCRIPTION YEAR ELEMENT	AMOUNT QUAN		DETAIL ACTIVITY YEAR & MONTH
220 TOOL EXPENSE-GEN CONST 222 GEN. CONST. SUPERVISION 223 G.C. FIELD SUPERVISION 229 NON-PRODUCTIVE TIME-GC	8.74 43.70 37.87 97.07	0	– Ñ . – N
SUB-TOTAL-DIRECT BALANCE	.00 * 187.38 *		
AUTHORIZED DIRECT	.00 ×	ESTIMATED MANHOURS	0 *

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1603 - MAINS OTHER LOCATION 132-MAIN 0132 ACTIVITY 3664 REPAIR LINES-GAS

COST DESCRIPTION YEAR ELEMENT	AMOUNT QUAN CHAR		DETAIL ACTIVIT YEAR & MONTH	
006 PHYSICAL ST TIME 007 PHYSICAL OVERTIME 052 CONST EQUIP USE-GEN CONS 091 G.C. PER DIEM ALLOWANCE	404.47 81.04 17.00 64.04	25	– N – N	
SUB-TOTAL-DIRECT	549.55 ¥			
BALANCE	566.55 ×	tion and transform and training a constitution of the constitution		to A + 5 d a m a a front and other describes a second a second to second the contract and second administration of the second and se
AUTHORIZED DIRECT	.00 ×	ESTIMATED MANHOURS	0 ¥	

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1607 - SERVICES LOCATION 132-MAIN 0132

COST DESCRIPTION YEAR AM ELEMENT	OUNT QUANTITY CHARGED	QUANTITY QUANTITY INSTALLED DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
220 TOOL EXPENSE-GEN CONST 222 GEN. CONST. SUPERVISION 223 G.C. FIELD SUPERVISION 229 NON-PRODUCTIVE TIME-GC	5.24 0 26.19 0 22.70 0 58.08 0	-88- N -88- N -88- N -88- N	
SUB-TOTAL-DIRECT BALANCE	.00 * 112.21 *		
AUTHORIZED DIRECT	.00 ×	ESTIMATED MANHOURS	0 ×

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1607 - SERVICES LOCATION 132-MAIN 0132 ACTIVITY 3664 REPAIR LINES-GAS

COST ELEMENT	DESCRIPTION YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE		DETAIL ACTI YEAR & MON	
007 052	PHYSICAL ST TIME PHYSICAL OVERTIME CONST EQUIP USE-GEN CONS G.C. PER DIEM ALLOWANCE	242.00 49.00 11.00 39.00			-88 -88 -88 -88	8 – N 8 – N		
SUB	-TOTAL-DIRECT	330.00	*					
BAL	ANCE	341.00	*			. na 2 <u></u>		
	AUTHORIZED DIRECT	.00	¥	ESTIMATED	MANHOURS		0 *	

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1855 - MAINS EXPENSES

COST DESCRIPTION ELEMENT

YEAR

AMOUNT

QUANTITY QUANTITY QUANTITY CHARGED INSTALLED DIFFERENCE

DETAIL ACTIVITY
YEAR & MONTH

AUTHORIZED DIRECT

6,875.00 ×

ESTIMATED MANHOURS

320 ×

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MAY 1989

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1855 - MAINS EXPENSES LOCATION 132-MAIN 0132

COST DESCRIPTION YEAR LEMENT	AMOUNT QUANT CHARG		Y QUANTITY ED DIFFERENCE	DETAIL ACT YEAR & MC	
216 TOOL EXPENSE-REGIONAL 219 REGIONAL A & G EXPENSES 228 NON-PRODUCTIVE TIME-REGN	76.26 167.78 201.60	0	-88- N -88- N -88- N		
SUB-TOTAL-DIRECT BALANCE	.00 × 445.64 ×				
AUTHORIZED DIRECT	.00 ¥	ESTIMA	TED MANHOURS	0 ¥	

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MAY 1989

JOB NO.

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ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1855 - MAINS EXPENSES LOCATION 132-MAIN 0132 ACTIVITY 3475 LINE OPERATION-OTHER-GAS

SUBACTIV 6034 TRANS MAIN EXPENSE

COST ELEMENT	DESCRIPTION YEA	AR AMOUNT	QUANTITY CHARGED	QUANTITY QUANTITY INSTALLED DIFFERENCE		DETAIL ACTIVITY YEAR & MONTH
007 044 050	PHYSICAL ST TIME PHYSICAL OVERTIME MILEAGE-REGIONS CONST EQUIP USE-REGIONS MEAL ALLOWANCE	916.38 407.27 23.65 95.00 14.00	56 15 55 19		-88- N -88- N -88- N -88- N -88- N	
SUB-	-TOTAL-DIRECT	1,337.65	*			
BAL	ANCE	1,456.30	*			
	AUTHORIZED DIRECT	.00	*	ESTIMATED MANHOURS		0 *

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MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 3 - GENERAL CONSTRUCTION

MEMO OTHER COSTS

ACCOUNT 8026 - GC ADMN.&GEN EXP-OFFICE ACTIVITY 6190 MGMT & SUPERVISION

COST DESCRIPTION YEAR ELEMENT		QUANTITY QUANTITY CHARGED INSTALLED	QUANTITY D DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
021 MGMT/PROF OVERTIME 046 MILEAGE-GENERAL CONST	272.50 60.00	10 100	-88- D	고 (1995년 1일 중요) - 1일 전 (1995년 1일 전 1995년 1일 - 1985년 1일 전 1985년 1일 - 1985년 1일 전 1985년 1일
SUB-TOTAL-DIRECT	272.50 ×	×		
BALANCE	332.50 ¥	×		
AUTHORIZED DIRECT	.00 ×	× ESTIMATI	ED MANHOURS	0 *

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9202 - SALARIES-GEN OFC EMPLS

SUB-ACCT 12-ENGINEERING

COST ELEMEN	DESCRIPTION YEAR	AMOUNT QUANT Charg		QUANTITY D DIFFERENCE		IL ACTIVITY R & MONTH
22.	2 GEN. CONST. SUPERVISION 3 G.C. FIELD SUPERVISION 9 NON-PRODUCTIVE TIME-GC	1,126.07 1,036.98 1,787.46	0	-88-	N D-89- 3 4 N D-89- 3 4 N D-89- 3 4	
SU	B-TOTAL-DIRECT	.00 ×				
BA	LANCE	3,950.51 *				
	AUTHORIZED DIRECT	.00 *	ESTIMAT	ED MANHOURS	0 ×	

P.G. & E.		CONSTRUCTIO	ON ACCOUNTING	DEPARTMENT				
JOB NO. 54701843			SIS JOB COST			DIV.	22 - GENERAL	OFFICE
MEMO OTHER COSTS	ACCOUNT	9202 - SALARIE	S-GEN OFC EM		B-ACCT	12-FNG1	INEERING	**************************************
	ACTIVITY	3124 ENG STUDI	ES -ELEC OPE	R		IL ENO.	· NELNINO	
COST DESCRIPTION ELEMENT	YEAR	and the second of the second o	JANTITY QUANT JARGED INSTA	ITY QUANTIT			DETAIL ACTIV	
006 PHYSICAL ST TIME		149.11	8		-88-		and the same	

ESTIMATED MANHOURS

149.11 ¥

149.11 ×

.00 ×

0 ×

MAY 1989

SUB-TOTAL-DIRECT

AUTHORIZED DIRECT

BALANCE

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9202 - SALARIES-GEN OFC EMPLS

ACTIVITY 3124 ENG STUDIES -ELEC OPER

SUB-ACCT 12-ENGINEERING SUBACTIV 2040 FINAL

ST MENT	DES	CRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE			DETAIL ACT YEAR & MO	
002 C 006 P 007 P 014 T 015 T 019 M	GMT/PROF	OVERTIME ST TIME OVERTIME ST TIME OVERTIME		457.17 250.02 6,072.34 5,548.31 197.55 152.11 460.18 757.41	272 149 16 6 24			-88- N -88- N -88- N -88- N -88- N -88- N -88- N	D-89- 3 D-89- 4	4	
SUB-T	OTAL-DIR	ECT	1	13,895.09	¥						
BALAN		ED DIRECT		13,895.09 .00		ESTIMATE!	D MANHOURS			0 ¥	

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9212 - EXPENSES-GEN OFC EMPLS

ACTIVITY 3124 ENG STUDIES -ELEC OPER

SUB-ACCT 12-ENGINEERING SUBACTIV 2040 FINAL

COST DESCRIPTION YEAR ELEMENT		QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE		L ACTIVITY R & MONTH	
046 MILEAGE-GENERAL CONST 093 PETTY CASH	356.74 31.86	444 0					
SUB-TOTAL-DIRECT	31.86	*					
BALANCE	388.60	¥					
AUTHORIZED DIRECT	.00	×	ESTIMATE	D MANHOURS	0 *	C. II. I To the Control of the Contr	

P		G		&	F	
•	٠	v	•	O.	٠	•

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS ACCOUNT 9213 - GO SUPPLIES & EXPENSES

ACTIVITY 3124 ENG STUDIES -ELEC OPER

SUB-ACCT 12-ENGINEERING

COST DESCRIPTION YEAR ELEMENT		QUANTITY DETAIL ACTIVITY D DIFFERENCE YEAR & MONTH	
052 CONST EQUIP USE-GEN CONS	72.00 6	88- N	
SUB-TOTAL-DIRECT	.00 ¥		
BALANCE AUTHORIZED DIRECT	72.00 * .00 * ESTIMAT	ED MANHOURS 0 *	

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9213 - GO SUPPLIES & EXPENSES

ACTIVITY 3124 ENG STUDIES -ELEC OPER

SUB-ACCT 12-ENGINEERING SUBACTIV 2040 FINAL

COS ELEM		DESCI	RIPTION	YEAR	AMOUNT	QUANTITY CHARGED	•	QUANTITY DIFFERENCE				ACTIVIT	Y
872 875	090 699 052 067 091 469 612	WELDING ROMMATERIAL MISC MATERICONST EQUIFFREIGHT G.C. PER DIMEAL ALLOW/MISCL &UNCI	ISC TOOL IAL OUSE-GEN IEM ALLOW ANCE ATERIAL	ANCE	178.04 43.66 3.24 479.50 530.25 442.96 371.00 31.42 152.51	126 126 168	in the first of the second		-89- 1 -89- 1 -88- I -88- N -89- 1 -88- N -89- 1	L N D N D			
	SUB	-TOTAL-DIREC	I		1,753.08	*				***************************************		TOTAL TO STANK STA	Mandagay arang sama ay ang nagang sama ang ng bagan
	BAL	ANCE AUTHORIZEI	D DIRECT		2,232.58 .00		ESTIMATE	D MANHOURS			0 ×		

P	G	&	F

MAY 1989

JOB NO. 54701843 ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

ACCOUNT TOTALS

CONTROL ACCOUNT	ACCOUNT NUMBER	DIRECT EXP.	TRF. TO PLANT	BAL TO BE TRF.
CAPITAL	1124 1224	796.04 2,115.19	1,523.06- 5,394.64-	727.02- 3,279.45-
SUB-TOTAL		2,911.23 ×	6,917.70-¥	4,006.47-*
REMOVAL		.00	.00	.00
SUB-TOTAL	•	.00 €	.00 €	.00 €
MEMO M & D	1502 1602 1603 1607 1855 8026 9202 9212 9213	9,473.06 166.00 549.55 330.00 1,337.65 272.50 14,044.20 31.86 1,753.08	.00 .00 .00 .00 .00 .00 .00	9,473.06 166.00 549.55 330.00 1,337.65 272.50 14,044.20 31.86 1,753.08
SUB-TOTAL		27,957.90 ×	.00 €	27,957.90 *
AUTHORIZED DIRECT		30,869.13	6,917.70-	23,951.43
INDIRECT & OVERHEAD		11,031.39	.00	.00
GROSS FIN.		41,900.52 ×	6,917.70-*	34,982.82 ¥
SALVAGE		.00	.00	-00

	JOB NO. 54701843	ANALYSIS JOB COST	REPORT	DIV. 2 - SAN FRANCISC	0
		ACCOUNT TOTAL	S		
	CONTROL ACCOUNT ACCOUNT NUMBER CREDITS NOT INCLUDED	DIRECT EXP.	TRF. TO PLANT	BAL TO BE TRF.	
	IN AMOUNT AUTHORIZED	.00	.00		and the state of a Charleston and the State of the State
	0.C.I.	.00	.00		
,	TOTAL	41,900.52 **	6,917.70-**	34,982.82 **	

PG and E 62-6251 (REV. 8/82) DATE OF ESTIMATE	YR. 318	Job estimati			JO	B COORDINA RC N	ATOR'S UMBER	CENTER 2 61913
DEPARTMENT GAS APPLICANTIST PACIFIC GAS LOCATION BUNKER H	MAXIMUM OF 24 CHARACTERS	AITED COUNTY SA	MATE	DOCUMENT	or ESTIMA	TE No. O'	EREGIOA 234691 ICATION NUMI	72 No. BER (PIN)
JOB TITLE CODE VIO TRAIN JOB TITLE NAME OF PROJECT/PHASE COORDINATOR SA NECESSITY FOR PROPOSED WORK AND DES	LE SIU PG&E	M OF 30 CHARACTERS EXT. 626-7214 BUDGET A			LINE EXT		REINFORCI	LLING DATA
	RY TO REPLACE A				RESIDENTIA UG ELEC. O GAS TRENC CONTRIBUT EXCESS SER	L ELECTRIC: ALL R H TIONS:	P-1 GAS, FT, No. U	NITS
T.L. 132 DUE -	TO A LONGITUDI	INAL WELD I	EFECT.	,	OTHER REFUNDABL OTHE	E ADVANCE	\$	IZATIONS
			136		D & C No.	B No.		
RECOMMENDATION, RULE No. and RAT		NOADC	8		FERC PROJ. No. CGC LOCATION			
S		PENSE		V	DATE REQU	JIRED 1	1-11-88	SON
FACILITY ACCOUNT ACCOUNT ACCOUNT	CODE (For involved estimates give s	OF DIRECT COST ITEMS summary bere—detail on extra sheets)	MANDAYS or UNIT AMOUNT (when required)	LABOR I	AMOU MATERIAL	JNT (Dollars EMPLOYEE RELATED COST	Only) CONTRACT and OUTSIDE SERVICES	OTHER
G 02 132 3475 603	4 PAP SHUTDOWN AND 3664 TOBLETS	0/0 FEET SUPPLE	40 5	800		75	1000	
) 02 13-2 3664 204	O REPAIR LONGITU	DINAL WELD DEFECT Exceptions Acct 10 - acct	22 3	190	300		5000	
		0-1-0						
	parama (I)							
	- 1 DA	5.12. mm					7	
TOTAL CAPI	TOTAL AMOUNT (Dollars Onl	TOTAL M&O DIRE	CT COSTS	(Escalated—i TOTAL M&O (Escalated—i	DIRECT COSTS		\$ - 1536 1536	
PLANT TO BE REMOVED O	R ABANDONED (Enter on Form 62-64) JOB EXPENDITURE BY YEAR YEAR YEAR YEAR		TOTAL REMAINING	M&O INDIRECT		/8.7 %	287	4
DIRECT 15365	NOTED	NOTE	1000	GROSS FINAN	STOCK WITH THE		2219	5
GROSS 22195	NOV 1 7 1988	NOV 1 0	NG 1980	REVOLVING S' INSTALL and/ SERVICES	TDCK (NET) or REMOVE	(NET) —		
RULE CODE PERCENT UNDERGROUND	FUNCTIONAL GROUPS		ATEGORY OF WORK	DEDUCT SALV DEDUCT OTHE AND NON-REF	R CREDITS INCL UNDABLE BILLIN	. CONTRIBUTIONS GS	\$2219	_
CHECKLIST REO'D. SEC'D. J.P./J.T. INTENTION	CHECKLIST REG'D. SEC'D. RIGHT OF WAY	PROGRESS REPORT VALUATION UNIT Dept. Dist. COST	PARTY MOTOR VEHICLE CLASS	DIVISION		(0.50.57	ZATION GENERAL C	
J.P./J.T. APPL. No. TREE TRIMMING CITY OR CO. PERMIT	OVER 20% YIELD VES STRENGTH TEST VES VES PAVEMENT—SO. FT. NONE	BUILDING LOT SALE MULTIPLE	No. of UNITS	CONQUE	P'	CON	CUR	
HIGHWAY PERMIT R. R. X-ING PERMIT OTHER PERMITS	MACHINE TRENCH-FT. TOTAL MANDAYS PROJECT COST CONTROL SYSTEM REPORT RC No.	CODE DIVISION SINGLE	NO. OT UNITS	AUTHORIZED B	Y .		ORDER NUMBER	

DIST. GAS SUPT.-JOB FILE
DIV. GAS SUPT.
GC GAS - ASSIGNED JOBS
GAS SYSTEM DESIGN (2)
PLANT ACCTG. (WITH
FOREMAN'S COPY OF JOB)
PIPELINE HISTORY FILE
REPORT FAILURES UNDER
TEST TO GAS SYSTEM DESIGN
AND GAS DISTRIBUTION DEPT'S.

PG>E

GAS OPERATIONS

STRENGTH TEST PRESSURE REPORT (FOR PIPE FACILITIES OPERATIONS OVER 100 PSIG)

(USE	IN	A	ထာ	RD	AN	Œ
GA5	STI	٥.	A-3	4 A	NO	G

SHEET.

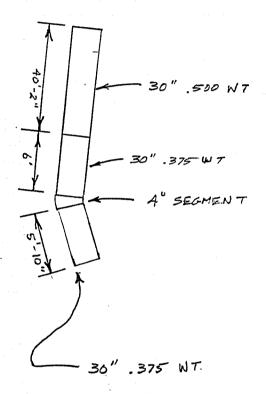
PARTI	- DESIGN	N DAT	A - (TO	D BE PREPAR	ED BY	PROJECT EN	GINE	ER OR	GAS SYSTE	M DESIG	N DEI	·T.)			
DIST. MAIN C	_		DIVISIO	N		DISTRICT			74-1	G.M. NO.				TE W.O. OR	GM APPROVE
T.L.I	32		GOLD	EN GATE.	BELIN	W PEN	IINS	ULA	(9)	GM 4701843					
DESCRIPTION		ICLUDE !	REFERE	NCE DRAWING	NUMBE	45									
RE	PUCE	6	SE	STION O	E 3	0" T.1		37	Du= 7	-A A	10	UKIT	UDIAL	M	
	1-0-6-			= 10.0		<u> </u>		<u> </u>	1000	OA	<u> </u>	4011	OPIN	<u> </u>	
W	ELD I	DEF	ELT	•											
LOCATION C	ASS DE	SIGN PAC	TOR IT		MAOP OF	FACILITIES (PSIG)	MAG	OP TO BE EST	ABLISHED	BY		PESIGN	PRESSURE .	THIS SECTION
3		.5	•		400)		THE	S TEST	DPS/6	•		(FUTUR	E DESIGN PF	RESSURE)
	ROTECTION	REQUIR	ED WH	ERE COVER	1,00				700	7P310	<u> </u>		<u> </u>	7007	3/4
				PAR. 192.327-				······································						······································	<u> </u>
	SEE PAR. 14 ACH LOCATK		VE M.P.	& REF. DWG.			······································								
					<u></u>			STATIC	HEAD CALCU	LATION					
	ITIC HEAD DI IATION DIFFI			MAX. ELEVAT			FT.	FOR Y	NATER		0.433 X DIFF				
(141)	HERE APPLIC	ABLE)		MIN. ELEVATE			FT. FT.	OTHE	OTHER						•
PIPE	SIZE	T		IPE SPECIFIC				1 3 20					X DIFT		===
O.D.	W.T.	APL		V. DSAW. SEAM		VERIFIED AT DESIGN			% OF S.M.Y.S.			PRESS. TO		FOOTAG	
30"	C-375"	ADI	51x	SEX-52 D	<aki< td=""><td>MD.</td><td>30</td><td>2. P</td><td>TEST PRESS</td><td colspan="2">TAT MAKES</td><td colspan="2">. 1</td><td>101</td><td>11/2</td></aki<>	MD.	30	2. P	TEST PRESS	TAT MAKES		. 1		101	11/2
		1	20/10	<u> </u>	<u> </u>	770	~~"	200	and 1	1000	D W		10	16	- ML
<i>30"</i>	0.500"	API	5LX	6R X-60	DSAN	ns	2/	0-0	65	68.	B b 15		50	40'	ne
		T					20.		1 - 62	100.		100		1	
			· · · · · · · · · · · · · · · · · · ·				 			1					
							1			1					
							i –			 					
						T. T	 	• • • • • • • • • • • • • • • • • • • •							
															
								·					·		
MINIM	IUM PRES	SURE F	OR TI	EST		1:170	<u> </u>	PSIG	TEST FLUID BE USED.	το στ	MINIE	NUM TE	ST DUR	ATION	
MAYII	MIIM DEDA	AISCIDI	E TEC	ST PRESSUF								R 30% SN MYS & O'			<u>8 +</u>
MAXII	TON FERN	VII 23151	LE IES	31 PRESSUR	(E .]	123:	2	PSIG	WATE	e				T (SEE 192.30	35(B) GO 112)
PREMARED			1											APPROYED	BY:
BY	Koy N	VATI	<u>50N</u>		DAT	<u>=10-31-88</u>	FOR	INFORK CHANGE	MATION 62	<u>6-74</u>	<u>-37</u>			DATE 10	7-31-88
		196					·	tor 🕏							
PART II	- TEST	DATA	TES	BE PREPARE! T AT TIME O	D BY PE	RSON SUPE	RVISI	NG	NOTE: MI	NIMUM	EST I	RESSU	RE AND	DURATIO	N ARE
STIME AN	D DATE	12-2							l No	TTOBE	CHAN	IGED W	THOUT	WRITTEN	APPROVAL.
PRESSURE 1353 HP - 11/3/8		00	ELEVATION TEST POIL	NT /		N/A FT.	INDICAT TEST PRES		ED		1228	PS.			
		10, - 40 - 11/2/00		100			_ -	70//, 1	, rest rates		(1)		1220		
TIME AND DATE		1015	1815 HE - 11/3/89			MAX. ELEVA		_ A	D/A PT.	TEST AT MA	TEST PRES AT MAX. ELE		l	N/A	PS.
ACTUAL DI									-71.	N. III. Z.		VAI 101(2)		/	
OF TE		4	HE.	- 22 MIN	'	MIN. ELEVA' IN TEST SEC		1/	U/A PT	AT MIR	PRES	SURE VATION(3		N/A	P 5
TEST PLUI	D USED	ز لها	TER		PIPE SE	C.VERIFIED (<u> </u>				THE RESERVE OF THE PERSON.			
MAKE, BANG	SE & SERIAL			J24 0-2		DATE LAST				· · · · · · · · · · · · · · · · · · ·				SEE PART	
OF RECORD	ING GAUGE			3603148		10/17/		OF DE	Range & Sei Ad Weight T	RIAL NO. ESTER		N F INDUE		-2000	CALIBRATIO
TEST SUPERV	ISED							APPF					<u>~~</u>		10/1/83
BY:							1	**							NTE: 11/1/08
PUT SCHEMATIC SKETCH ON BACK OF THIS SHEET:											, , ,		·		1410
SHOW LO	CATION OF	FACIL	. Un (STED NIN C	UF II	DID SHEE	<u> </u>				ענ				
AN ADDIT	TIONAL SH	EET IF	NECESS	STED, MIN. & SARY (SHOW ECTION OF P	MAX.	ELEVATION ENCE NUMB	IN FE	ET, MI	LE POINTS, 1 E OF ALL DR	AWINGS	UMBE	RS AND	INCOF	PORATED	AREAS. USE
			ORT SI	ECTION OF P	IPE, AL	SO SHOW A	DETA	ILED S	KETCH OF E	ACH AS	SEMB	LY TEST	ED.	,, rumaia	I IOR FIFING
D	STRIBUTIO	N	1												

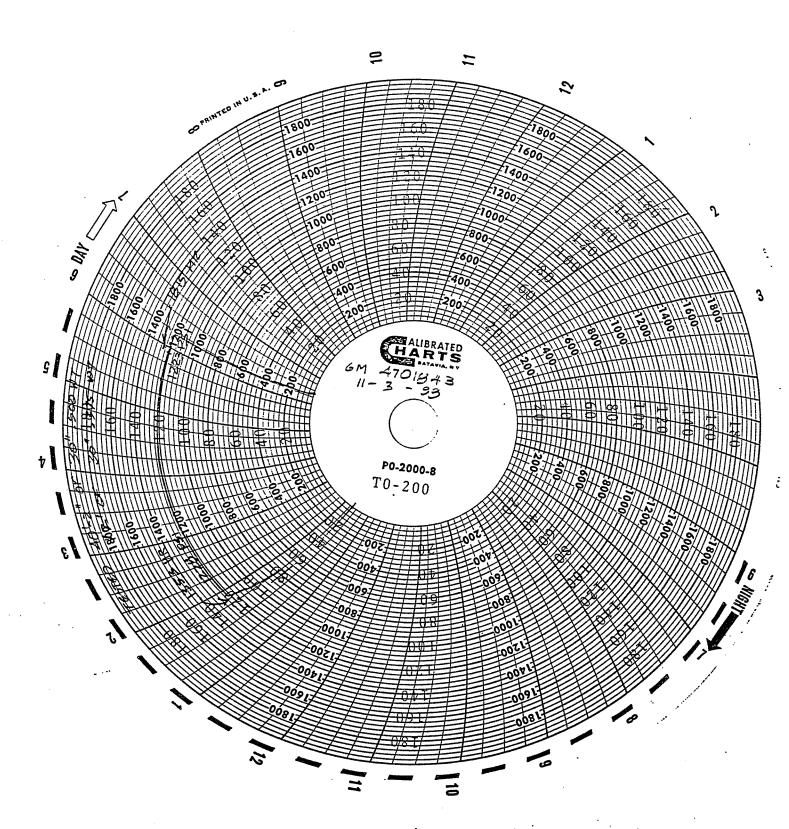
(1) LOWEST PRESSURE ON TEST GAUGE AT ANY TIME DURING TEST.

(2) SUBTRACT STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MAX. ELEVATION FROM INDICATED TEST PRESSURE.

(3) ADD STATIC HEAT DIJE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MIN. ELEVATION) TO INDICATED TEST PRESSURE.

11-3-85
MARTIN SERVICE CENTER
LOWER YARD - BRISBANE
BUNKER HILL EVEL SENSY EEFS R
TL - 0132
LOWEST PRESSURE - 1223
NO ELEU. VARIATION





STRENGTH TEST INFORMATION

STRENGTA	and the second s
STRENGTH 1. JOB GM 4701843 2. LOCATION MARTIN SERVICE CANTER 2. DATE 11-3-39 DU SIZE 3. DATE 1353 HE -1815 HE SIZE	1228-1223 MD
JOB GM 470 SEPUICE CHIPR	ESSURE 4 HR 508 / 375 DSAW
1. JOB GM 4701843 2. LOCATION MARTIN SERVICE CROTER 2. DATE 11-3-38 3. TIME 1353 HR - 1815 HR DU 5. TIME 1353 HR - 1815 HR 5. PIPE SPEC. X60 DSAN PIN 6. PIPE SPEC. X60 DSAN PIN 7. RECORDING GAUGE MERCORY 8. RANGE O-2000 LAST 8. DEAD WGT. CHAUDURE	ESSURE 4 HR - 722 M/. 375 RATION W.T. 500/. 375 30"/30"/ W.T. 500/. 375 01-0501 01-0501 20-17-86 CALIBRATED 10-17-86 CALIBRATED 10-1-88
5. LENGTH X 60 PSECORY	THE TOTAL TO
5. LENGTH X60 DS. 6. PIPE SPEC. X60 DS. 7. RECORDING GAUGE MERCORY 8. RANGE O- 2000 LAST 9. DEAD WGT. CHAUDER 1. DEAD WGT. LAST 1. DEAD WGT. LAST 2. DEAD WGT. LAST 3. DEAD WGT. LAST 4. SCHURB	10 - 1 - 00 AMED 10 - 1 - 00
TEST FLUID WATER 7. TEST FLUID WATER 1. SCHWAB	DATE 11-3-88 DATE 11-4-88
TEST FLUID SCHOOL SUPERVISIO	
PPROVED	

11-3-35 N SCHULAS

BUICKER HIL 6132 ENERGEVET

0-

TIME	PEGSSURE	MIN - 1170 MAX - 1235
\$353 485 1:53 PM	1223	
1400 HRS 2:00	1228	
1415 HRS2-15	1228	
1430	1228	
1450 -	1228	-
1534	1228	
.559	1223	
1633	1227	SUN WERT DOWN (TEMP DRUP)
1704	12 25	,
1732	1223	
1800	1223	
1815	1223	Pewateren

PG=E GAS OPERATIONS STRENGTH TEST PRESSURE REPORT

Inze	IN A	COR	DANG	9
GAS	STD.	A-34	AND	

(FOR PIPE FACILITIES OPERATIONS OVER 100 PSIG)

PART I - DESIG	N DATA - (TO	E PREPARED BY	PROJECT ENGIN	EER OR GAS SYSTE	M DESIGN DEPT.)		
DIST. MAIN OR LINE NO.			DISTRICT	-	G.M. NO.	DATE W.O. OF	GM APPROV
T.L.132	GOLDE	NGATE BEGI	ON PENINS	SULA G	M 470184	š	
DESCRIPTION OF JOB - I	NCLUDE REFERENCE	E DRAWING NUMBI	ERS				
REPLACE	6 SECT	TON OF 3	30" T.L.I	32 DUE 7	TO A LONGIT	TUDINAL	
		•				0,10	
WELD .	DEFECT.				·••		¥0
	SIGN PACTOR (F)	The state of the s	F FACILITIES (PSIG)	MAOP TO BE EST	ABLISHED BY	DESIGN PRESSURE	THIS SECTION
3	• 5	400	2	400	0PS16	4007	2516
SPECIAL PROTECTION OVER PIPE IS LESS TH G. O. 112 - SEE PAR. 1 NO. FOR EACH LOCAT	AN SPECIFIED IN PA	R. 192.327-					
STATIC HEAD I	NE TO M	AX ELEVATION		STATIC HEAD CALCU	ILATION		
ELEVATION DIF	TTOTHES	N. ELEVATION		FOR WATER	1		
(WHERE APPLI		DIFF		0-1)	TOMAUSUN		
PIPE SIZE	PIP	E 51	201	TO DON	John		=
O.D. W.T.	API. GR. ERW. I	SAW 2	COPIEZ				TED IN FIE
30" 0.375	" API 5LX GE	X-	3.7112	G-F-		7	Mi
70" 050			PIDISTO		JOHAUSON		
30" 0.500"	API 5LX 6	RX.					The
	-						
							-
							-
							-
							1
MINIMUM PRES	SURE FOR TES	т					8 +
MAXIMUM PER	MISSIBLE TEST	PRESSU			30% SMYS & C	OVER (8 HR. MIN.) TION TEST (SEE 192.3	
						APPROVED	
BY THE KOY	MATTSON	DA	TE10-31-88 FOF	CHANGES, CALL 62	6-7437	DATE 16	2-31-88
	(四)						图
PART II - TEST	DATA - TEST	PREPARED BY P	ERSON SUPERVIS		NIMUM TEST PRESSI	URE AND DURATIO	N ARE APPROVAL
PRESSURE	1353 HR -		ELEVATION AT TEST POINT	N/A FT.	INDICATED TEST PRESSURE	1228	PS.
TIME AND DATE TEST ENDED	1815 HE -	11/3/88	MAX. ELEVATION IN TEST SECTION	N/A PT.	TEST PRESSURE AT MAX. ELEVATION	N/A	PS
ACTUAL DURATION OF TEST	4 MR -	22 MIN	MIN. ELEVATION IN TEST SECTION	N/A FT.	TEST PRESSURE AT MIN. ELEVATION	(s) N/A	F
TEST FLUID USED	WHTER		EC VERIFIED (SEE P	ART I)	The state of the s	VERIFIED (SEE PART	1)
MAKE, RANGE & SERIA OF RECORDING GAUGE TEST SUFERVISED		7 0-2000 03146	DATE LAST CALIBRATION 10/17/85	MARE RANGE & SE	RIAL NO. CHANDLE	12 0-2000 6000	CALIBRATIC
BY:				SH			ATE: 11/1/co
PUT SCHEMATI	C SKETCH ON	BACK OF T	HIS SHEET:			THE RESERVE OF THE PERSON OF T	1/4/00
AN ADDITIONAL SH FABRICATED UNITS	F FACILITY TEST: IEET IF NECESSAF AND SHORT SEC	ED, MIN. & MAX. RY (SHOW REFE! TION OF PIPE, A	ELEVATION IN P	EET, MILE POINTS, ON FACE OF ALL DR AILED SKETCH OF E	VALVE NUMBERS AN AWINGS AND ATTAC TACH ASSEMBLY TES	ID INCORPORATED HMENTS). FOR STA	AREAS. US

DISTRIBUTION

DIST. GAS SUPT. JOB FILE
DIV. GAS SUPT.
GC GAS - ASSIGNED JOBS
GAS SYSTEM DESIGN (2)
PLANT ACCTG. (WITM
FOREMAN'S COPY OF JOB)
PIPELINE HISTORY FILE
GREPORT FAILURES UNDER
TEST TO GAS SYSTEM DESIGN
AND GAS DISTRIBUTION DEPT'S.

- (1) LOWEST PRESSURE ON TEST GAUGE AT ANY TIME DURING TEST.
- (2) SUBTRACT STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MAX. ELEVATION FROM INDICATED TEST PRESSURE.
- (3) ADD STATIC HEAT DIJE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MIN. ELEVATION) TO

SL

UG

Computer

OH

Line No.

Conduit

Cables

Pub. RW

Pvt. RW No. Trfs.

KVA

COUNTY

Code Area

Poles - Twrs.

O. H. Cond.

S L Units

JOB ESTIMATE ed

Sheet No.	30F3	

Estimate No. <u>0234691721</u>

DATE PREPARED										
мо	DA	¥Υ	YR							
10	3	1	88							

5427	(REV.	8/82)	Detail S		
DAT	E PREPA	ARED	For Plant to	be	Installe
10	DAY	YR			

	0 :	318	8										
S-R COCH	FA DIV	ID	ACCOUNT	SUB ACCOUNT	SPECIAL I D CODE	DESCRIPTION	MANDAYS or UNIT AMDUNT (When required)	LABOR	MATERIAL		CONTRACT & OUTSIDE SERVICES		TOTAL (Dollars Only)
 	02	132	3475	6034		SHUTDOWN AND RESTORE MAIN	40	5800		75	1000		6875
	02	132	3475 36A	2040		REPAIR LONGITUDINAL WELD DEFECT	22	3190	300		4100		7590
						X-RAY					900		900
L													
L						TOTAL MED		8990	300	75	6000		15365
\vdash													
\mid													
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L												-	

PG&E

JOB ESTIMATE

Summary and Calculation Sheet : For Indirects and Overheads

Sht. No. 20F3
Est. No. 0234 491721
Date: 10-31-88

Initials: RCM

7	FNR	DIRECT	COSTS
	i UII	DINCOL	

Capital Esc. 0 months at 0%

M	40 Esc 0 months at	0%						
7 F!	DR INDIRECT COSTS		% FOR OVERH	EADS				
	or-Div/GC 0%		6&A-Instal	0	X.			
	r-60 0%,amount \$	0	Removal	0	X.			
	eria! 0%		Ad Val Tax	0	X.			
TE	44%			0	years			
M&O	-Labor 31%		AFUDC	0	X.			
	-Material 29%							
						000170407		
			PG&E		FUR! BYFF	CONTRACT	OTHER	TOTAL
	TYPE OF COSTS DIRECT COSTS		LABUR	MATERIAL	EMPLUYEE	&OUTSIDE	OTHER	TOTAL
1	Capital Installation/Purchase	£Ω	0	0	0	Ō	0	0
	Capital Removal	CRE	Ŏ	0		0	0	0
	Capital Travel	CT	-	•	-			0
	Capital Escalation	CE	. 0	0	0	0	0	0
	117otal Capital Direct Costs##		,	0		0	0	0
5 .	M & O.Include Travel Labor	HO	8990	300	75	6000	0	15365
	★ & O Escalation	MOE	0	0	0	0	0	0
	## Total M & C Direct Costs ##	TMOD	8990	200	75	6000	0	15365
===:		=====		========	=======	========	======	
5	Total Authorized Direct Costs	TO	8990	300	75	6000	. 0	15365
•	TOTAL PROPERTY BEINGT WEST	1.2	51 17	***	, -	•		
	INDIRECT COSTS							
11.	Installation	I	0	0				0
11.	Regoval	R	Û	0				0
12.	Transp. & Work Eq.(Cap & M)	TE					3956	3956
	** Total Capital Indirects **		0	0			3956	3956
	** Total M & D Indirects **	THI	2787	87				2874
								10222222
15.	Total Indirects Costs	TI	2787	87			3956	6830
	OVERHEADS							•
16.	Gen. Engr. and Admin.	GEAC						0
	Ad Valorem Tax	Tax						0
18.	AFUDC	AFUD	C .					. 0
===	=======================================			========	=======	2222222		
19.	Total Overheads	TO						0
	BROSS FINANCIAL COST							
20.	Directs, Indirects, Overheads	TOTA	L					22195
	COMPOSITE %			Face Sheet		PC Total	22195	
			0	ace sheet		Div Total	22173	
	a.Cap Indirects = b.M&O Indirects =	18.	-	2874		Difference	22195	
	c.Overheads =		0	20/1		ATI LE: CHEC	44410	
	C'DASLUSSOD -		V	V				

P.G = E	, мо	DAY Y	R	_	_	.IOB	FST	IMAT	F .			10	B COORDIN	DIV.	CENTER
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DEPARTMENT 6	AS					2	- 2	DISTRICT	ENINS	JLA D	IVISIO	NGOLD	ENGAT	E REGION	1 02
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LOCATION BUN		A	LL I	CHARACIE	RS.	ATE			MA MA			FUNC.	احراكم ا	ARON NOMI	PHASE
THE CODE L	O L JOB T	ITLE	SMI	55	MAXIMU	A)	ARACTERS	TOTAL SP	ERALL ECIFIC			NEW BU	JSINESS/	APPLICANT BI	B.
NAME OF PROJECT/PHASE CO					PG&E	Ex1.624	6-7214	PROJECT A	ECIFIC PHASE AMOUNT \$			LINE EXT	TENSION NTIAL ELEC. N	REINFORCE	EMENT
NECESSITY FOR PROPE	OSED WORK	AND DESC	HIPTION THE	REOF		139			1	TXD		ESTIMATED	JAL REVENUE		
							-			1		RESIDENTIA	L ELECTRIC, AL	L P-1 GAS.	
IT 15 1	VE/E	SSAR	Y TO	REF	LACE A	6	SEL	TION	0F 30	וויכ		CONTRIBU	TIONS:		NITS
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RECOMMENDATION.	, HULE No.	and MATE			XNY EX	PEN	SE	1	1	0	-	ESTIMATO		2 44	60. I
				-		1	1/	WA	DC) -			DATE REO		2. MATT	
FACUT		SUB	SPECIAL I.D. CODE		DESCRIPTION C	OF DIRECT	COST ITEN	AS-	MANDAYS or UNIT AMOUNT			AMO	UNT (Dollar		
DIV 10	ACCOUNT	ACCOUNT	φĎĒ.	(For in	rolved estimates give :	summary h	ere—detail on	extra sheets)	(when required)	LABOR	'	MATERIAL	EMPLOYEE RELATED COST	CONTRACT and OUTSIDE SERVICES	OTHER
1000 120	2175	1021				- D-	00 18		40	500	_		75	1000	
404125	3475	6054	1	SHU	DOWN AN				40	580			15	1000	
02 132	3664	2040)	REPA	R LONGITU	. / IAMOI	WELD	DEFENT	22	3190		300		5000	C.C.
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		70	4												
CURRECTE		TAL CAPIT	AL DIRECT C		UNT (Dollars On	ily)	TOT	AL M&O DIRI	CT COSTS	(Es	alated—	AL DIRECT CO f applicable)		\$ -	
"C"ALLA" D' DIRECT	No. of Concession, Name of Street, or other	AL DIRECT	and the second of the second of the second	L LABOR	ESCALATION_		M & O DIRECT ()	nc TRAVEL)	SCALATION	_% (Es	calated—	DIRECT COSTS if applicable)		1536	
				_			1530	65	-			DIRECT COST		1536	,5
PLANT TO	BE REMO	OVED OF	-	-	ter on Form 62-64	428, "Det	tail Sheet fo	r Plant to be	Retired")		PITAL IND			* -	,
COSTS	ST 8 8	1		- Linpilo	RE BY YEAR	1	ueve:	NOT	TOTAL		O INDIRE	r12	18.7	* 287	4
DIRECT	10.55 81 46		YEAR L	£01	YEAR 1988	1 121	YEAR LL		1000		-	NCIAL COSTS		2219	-
COSTS	5365	>					D	EC 7	1988	INS	TALL and	or REMOVE		2217	
GROSS 22	2195			IJ.K	LEE			(BIIVO	MCE /	INS		TOCK (NET)	-		
			FOR .	ACCOU	NTING USE O	NLY		AGULL	/	-	DUCT SAL	VAGE	4	_	
RULE CODE		RCENT	FUNCTIO	NAL GROU	P MLX DEPOS	IT No	CONTRIBU	TIONS	CATEGORY OF W		UCT OTHE	R CREDITS INC	L CONTRIBUTION	NS _	-
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J.P.J.T. INTENTION	REOD	SEC'D	CHECK!		REO'D SEC'D	-	FOR ACCO	VALUATION	MC	TOR	DD #5:5:		DB AUTHOR		OFFICE
J.P./J.T. APPL. No.			OVER 20%		NO VES	Dept		UNIT	BILLED CL	HICLE	MMEND	or ORIG. O		GENERAL (UFFICE
TREE TRIMMING			STRENGTH		YES YES	1	1				h	10'			
CITY OR CO PERMI	NOVE		PAVEMENT-		NONE	1	NG LOT SALE	MUTTER		cons	8/	7	cc	NCUR	
HIGHWAY PERMIT	T :		MACHINE TRENCH - F	т.	ALL	CODE		MULTIPLE	No. of UNI	700	ט				
R. R. X-ING PERMIT			TOTAL MAN		62]				AUT	ORIZED	BY	JO	SM 470	IRAZ
OTHER PERMITS			PROJECT COST SYSTEM REPO	RT RC No	_	1								3N14101	040

		MAN Initials	
ORDERS	MAPPING RE	CORD	
NCE Nos.	POSTED TO:	DATE	
	H Sheet		
	Fran. Sheet		
	Prop. Tax Rec.		
	Plat Sheet		
	Switch & Wall Map		
n: Type, M rdinates or p	fg. Serial No., pole reference nu	KVA, imber.)	
MIN. 111 TEST FLUID. PIPE SPEC. 2 O.D. WIT. 3 WELD INSPEC. VISUAL RADIOGR	OR 5 7 SMYS 30 7 SMYS 30 8 SMYS 30 8 SMYS 30 9 PSIG 95 9 PSIG 95 9 PSIG 90 9 PSIG 90 10	5 SMYS 5 SMYS 2	
		ام شخصہ منصوری	

Date Work Started	Date Completed		Foreman Signature						
M	ATERIAL USED ON TH	IIS AUTHORIZATI		LOCAL BUDGILLAGE CODES	MARRING R				
	REQUISITION and CRED			LOCAL PURCHASE ORDERS and		MAPPING RECORD			
DEBIT	DEBIT	CREDIT REQ.	CREDIT CHECK	OTHER REFERENCE Nos.	POSTED TO:	DATE			
					H Sheet				
					Fran. Sheet				
	: 1	<u> </u>		-	Prop. Tax Rec.				
·		3.3656			Plat Sheet				
					Switch & Wall Map				
For transformer in Voltage, New or Ol	stallation — Job Forema d. (If space is insufficient,	n shall show followi add separate sheet wi	ing data on sketch at the same data and transfol	transformer location: Type, M rmer location grid coordinates or p	lfa, Serial No.	KVA, imber.)			
DIST, REG. 277.82	O (UNINC) 2 7 5 PSIG	STEEL WELDS INSI PER P G & E C STANDARD D- BY INSPECTOR	PECTED GAS 40	EDUATION C DESIGN FACT D.P. ADD MADP ADD STRENGTH I MAX. 123 MIN. 117 TEST FLUID. PIPE SPEC. A O.D	OR 5	% SMYS % SMYS % SMYS % SMYS			
THE TOTAL PROPERTY OF THE PROP		129		1					
B/4 11		1,6	Sa .			ار سفت سیم ر			
- 4		DETAILS NOT CLEAF	RLY SHOWN BY SKETC	H ON MEMO FORM					
Code Area	Pub. RW		ن ا	d ne	SL	SL			
Poles—Twrs. O. H. Cond.	Pvt. RW No. Trfs.	COUNTY	RA-UNING	WHO CAbles Conduit	ОН	UG			
S L Units	KVA		# # # # # # # # # #	Cables Conduit	Line No. C	omputer			
					<u> </u>				
5 · · · · · · · · · · · · · · · · · · ·									

PG&E JOB ESTIMATE

Summary and Calculation Sheet 🖘 🖫 For Indirects and Overheads

Sht. No. 20F3
Est. No. 0234 91721
Date: 10-31-88

Initials: RCM

7 5	nr.	D I	RECT	COSTS
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Capital Esc. 0 months at 0% 0 months at 0% M&C Esc

% FOR INDIRECT	COSTS		% FOR OVERHEADS	;
Labor-Div/6C	0%		6&A-Instal	0%
Labor-60	0%,amount \$	0	Removal	0%
Material	07.		Ad Val Tax	0%
TE	44%			Oyears
M&O-Labor	317		AFUDC	0%
M&O-Material	29%			

Material 0% TE 44% M&O-Labor 31% M&O-Material 29%	Ad	Val Tax AFUDC	0% 0y 0%	ears			
TYPE OF COSTS DIRECT COSTS		LABOR	MATERIAL	EMPLOYEE	CONTRACT &OUTSIDE	OTHER	TOTAL
1. Capital Installation/Purchase	CI	0	. 0	0	0	0	0
2. Capital Removal	CRE	. 0	0	0	Ó	0	0
3. Capital Travel	CT	0					. 0
4. Capital Escalation	CE	. 0	0	0	0	0	0
5. ##Total Capital Direct Costs##	TCD	· 0	. 0	0	0	0	0
6. M. & O, Include Travel Labor (s	MO	8990	300	75	6000	0	15365
7. % & D Escalation	MCE	0.	(0)	0	0	0	0
8. ## Total M & C Direct Costs ##	TMOD	8990	√ 300	. 75	6000	0	15365
		=======	=========	========		======	2222222
9. Total Authorized Direct Costs	TD	8990	300	75	6000	0	15365
INDIRECT COSTS							
10. Installation	I	0	0				Û
11. Removal	R	Ô	0				0
12. Transp. & Work Eq.(Cap & M)	TE					3956	3956
13. ## Total Capital Indirects ##	TCI	0	0			3956	3956
14, 11 Total M & O Indirects 11	TMI	2787	87		========	======	2874
15. Total Indirects Costs	TI	2787	87			3956	6830
OVERHEADS 16. Gen. Engr. and Admin. 17. Ad Valorem Tax 18. AFUDS	GEAC Tax AFUDC			=======	=======		0 0 0
19. Total Overheads	TO						. 0
GROSS FINANCIAL COST 20. Directs,Indirects,Overheads	TOTAL						22195
COMPOSITE % a.Cap Indirects = b.M&O Indirects = c.Overheads =	0 18.7 0		Face Sheet 0 287 4 0		PC Total Div Total Difference	221 9 5 0 22195	

62-6427 (REV. 8/82)

JOB ESTIMATE

Sheet No. 30F3

DAT	E PF	EPA	RED
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			22

Detail Sheet	Estimate No. <u>0234691721</u>
For Plant to be Installed	

\perp													
S-R	FA	CILITY				MANDAYS	MANDAYS SUB-TOTAL AMOUNT (Dollars Only)						
E COOPE	DIV	ID	ACCOUNT	SUB ACCOUNT	SPECIAL I.D. CODE	DESCRIPTION	or UNIT AMOUNT (When required)	LABOR	MATERIAL	EMPLOYEE RELATED COST	CONTRACT & OUTSIDE SERVICES	OTHER	TOTAL (Dollars Only)
	02	132	3475	6034		SHUTDOWN AND RESTORE MAIN	40	5800		75	1000	***************************************	6875
	02	132	36A	2040		REPAIR LONGITUDINAL WELD DEFECT	22	3190	300		4100		7590
_				·		X-RAY					900		900
L													
L						TOTAL MEO	-	8990	300	75	6000		15365
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62-4921 REV. 4-79

PG=E GAS OPERATIONS STRENGTH TEST PRESSURE REPORT

(USE	IN A	CCOR	DAN	CE W	/I·
GAS	STD.	A-34	AND	GO	11

(FOR PIPE FACILITIES OPERATIONS OVER 100 PSIG)

PART I -	DESIG	N DA	TA - (TC	BE PREPAR	ED BY P		GINE	ER OR				т.)					
DIST. MAIN O			DIVISIO			DISTRICT						1.2	DA	TE W.O. O	RGM	APTRO	JAED
T.L.I	32_		GOLD	EN GATE	BESION	1 PEN	INS	ULA	GI	v4.	1010	77					
ESCRIPTION		NCLUDE	REFEREN	ICE DRAWING	NUMBER	S			_		,						
RE	PLACE	6	SEC	TION O	F 30	<u> </u>	<u> l .</u>	3Z	DUE 7	0 A	LON	161TU	IDIN	AL			
	• _			•					•								
	ELD.	DEF	EC	•		FACILITIES (I	eic l	12466	ND TO BE EST	ADI KUE	n ev		DESIGN	PRESSURE	- THI	S SECT	ION
OCATION CL	.A95 D	ESIGN F	CTOR (F)	PHESENT	4 .	PACIDITES (1	raite	THE	P TO BE EST			ļ	FUTUR	PRESSURE E DESIGN	PRESS	URE	
<u> </u>		• :	2		400				400	2 <u>PS/</u>	3	<u> </u>		400	75/	9_	
				PAR. 192.327-													
G. O. 112 - 1	SEE PAR. 1	41.2(B)		& REF. DWG.	<u> </u>												
NO. FOR EA	CH LOCAT	ION.		·				STATIC	HEAD CALCU	LATION							
	TIC HEAD			MAX ELEVAT	ЮN		FT.	FOR V				0.433	X DIF	_			PSIG
	/ATION DIF HERE APPLI		E	MIN. ELEVATE			FT.	OTHE!	₹					_			F 3.G
				DII			FT.	(SPECI					X DIF	<u> </u>			
PIPE	·			IPE SPECIFIC		VERIFIED	AT	DESIGN	% OF S.M.Y.		MAX.	PRESS GIVE 909	i. TO	FOOTA			RIFIED FIELD
3011	C.375		 	V. DSAW. SEAM		VERIFIED IN FIELD	3	DESIGN RESS.	TEST PRESS		MAX PRESS. 35		10	12	7	1	
50	6.2/2	"AP	154	Sex-52 t	SAN) <u>-</u> 2/	0.8	1110	12:	22_		<u>ں</u>	12		+	
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AAIRU N	1UM PRE	CCLIDE	FOR T	FCT		1171	^		TEST FLUID BE USED.	70	MININ	NUM TE	ST DUF	RATION		' _	
MILIAILA	IUM PRE	SSURE	FUR II	E31		1170		PSIG	BE USED.		UNDE	R 30% SM	IYS (1 H	R. MIN.)		8	HRS.
MAXII	MUM PEF	RMISSI	BLE TES	ST PRESSU	RE .	123:	5	PSIG	WATE	R		MYS & OV STALLATI	-	IR. MIN.) IT (SEE 192	.505(B	GO 11	2)
							I			•	<u> </u>			APPROVE			
FREPARED	Roy 1	FAM	ISON			E10-31-88	FOR	INFOR	MATION 62	16-7	437)		- 0 	10-2	1-88	
BY			20:0		DAT	E10 3. 00	OR	CHANGE	S, CALL		. , ,	*:		DATE	10 3	1 DU	
		_ \	- то	BE PREPARE	D BY PE	RSON SUPE	RVIS	ING	NOTE: MI	NIMUM	TEST I	PRESSUE	F ANT	DUBATI	ON A	ÞF	
PART	I - TEST	DAT		T AT TIME O										WRITTE			L.
TIME AN						ELEVATION	I AT				NDICATI	ED.	T				
PRESS						TEST POI			FT.		T PRES						PSIG.
TIME AND	D DATE					MAX. ELEVA	TION			TES	T PRES	SURE					
TEST E	NDED					IN TEST SEC	TION		FT.	AT M	AX. ELE	VATION (2)					PSIG.
ACTUAL D						MIN. ELEVA				TE	T PRES	SURE					
OF TI	EST					IN TEST SEC	TION		FT.	AT M	IN. ELE	VATION(3)					PSIG.
TEST FLUI	D USED				PIPE SPE	C. VERIFIED		ART I)			PIPE FC	OTAGE \	/ERIFIE	O (SEE PAF			
MAKE, RAN	GE & SERIA	L NO.				CALIBRATI	ON		RANGE & SE) .				C.	TE LA	TION
EST SUPERV					· · · · · · · · · · · · · · · · · · ·				AD WEIGHT	ESTER							
BY:	الماسكان.							APPROV	/EU								
							-	BY:							DATE:		

PUT SCHEMATIC SKETCH ON BACK OF THIS SHEET:

SHOW LOCATION OF FACILITY TESTED, MIN. & MAX. ELEVATION IN FEET, MILE POINTS, VALVE NUMBERS AND INCORPORATED AREAS. USE AN ADDITIONAL SHEET IF NECESSARY (SHOW REFERENCE NUMBERS ON FACE OF ALL DRAWINGS AND ATTACHMENTS). FOR STATION PIPING, FABRICATED UNITS AND SHORT SECTION OF PIPE, ALSO SHOW A DETAILED SKETCH OF EACH ASSEMBLY TESTED.

DISTRIBUTION

DIST. GAS SUPT. JOB FILE
DIV. GAS SUPT.
GC GAS ASSIGNED JOBS
GAS SYSTEM DESIGN (2)
PLANT ACCTG (WITH
FOREMAN'S COPY OF JOB)
PIPE LINE HISTORY FILE
REPORT FAILURES UNDER
TEST TO GAS SYSTEM DESIGN
AND GAS DISTRIBUTION DEPT'S.

- (1) LOWEST PRESSURE ON TEST GAUGE AT ANY TIME DURING TEST.
- (2) SUBTRACT STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MAX. ELEVATION) FROM INDICATED TEST PRESSURE.
- (3) ADD STATIC HEAT DIJE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MIN. ELEVATION) TO INDICATED TEST TRESSURE.

FG&E GAS CONSTRUCTION DEFARTMENT JOE STATUS MEMORANDUM

Job Number

GM 4701843

Source Document Number 0234G00000

Date Frepared

November 8, 1988

To Division Manager of Peninsula Division, Golden Gate Region

This is to notify you of the status of the above job covering: 30" L132 REPAIR BUNKER HILL RD S.M.

Start Date Release Date Completion Date

11/02/88

These dates are being reported by General Construction to Construction Accounting on the R200 series Job Progress Markup Reports.

Manager, Gas Construction Department

By General Foreman: Sanchietti BRISBANE

DISTRIBUTION:

X Division Manager

X Construction Accounting

<u>x</u> Manager In Charge

X Field Job File

General Con	Structi 3 Rev	ion	\vec{j}	PA	PTI	AL ASSIGNMENT LETTER		
TO L	SUC	٤)ANCI	HETT)_				~ ~
DIVISIO	v_C)EVIE	eac Ci	onstru	СПОС	GAS	11-3-0	SS ATE
DEPART	MEN	it_C	IBS_					
SUBJECT	: As	ssignm	ent of a	portion	of:	WORK PACKAGE NUMBER JOB ORDER PREFIX NUMBER SUF GM 470184 3 Report to:	ORIGINATING DIV CENTER	CHARGED DIV CENTER
	wing	work	is hereb	y assign	ed to yo	u for completion. All charges should be made dire	ctly to this jo	b.
WORK S.I. PACKAGE R. ACTIVITY	FA	CILITY	ACTIVITY	SUB ACTIVITY	SPECIAL.	DESCRIPTION of WORK	REQUIRED COMPLETION	ESTIMATED LABOR
Job Distribution E	DIV	I.D	ACCOUNT	SUB ACCOUNT	CODE	DESCRIPTION OF WORK	DATE	COST
	CZ	132	3664	2040		Repair Longitudina Weld Defet	11-7-88	, :
	-							
						Non		
						NOVI		
						NOTED NOV 1 3 1988 C N # 577211		
Status of PIN#				1? Ye		No \square Other comments: $5.0^{\pm}0.234$	691721	
		· · •	ASSIGNI	ED BY		COORDINATORS TO CONTACT ASSIGN	ED TO	
DONDE	0 1	<u> </u>	CNAH	SEN		NAME LOU SANCHETT		
1970	JL	IDUS	TRIBL	<u> </u>		ADDRESS BISBANE G	C GAS	
626	7	1.58)	***		TEL. No. 575-3478		
598	7	458	3			P.T.&T. 467-4460		
Remarks:	G	2	TO	EXCO	vat	E, WELD, WRAP & BACK+	-(1)	
<u>w</u>	RK	<u>(</u> a	mple	ted	11-7	-88		
~			V)
DISTRIBUTI	ON:					Signed		
	– Plar		vision Inting Dep	t.		Division PEN IN SCRY Department GAS CONSTRU)CT/M	
	- 1					1 The second of	morrida i Madaile Januari.	